

1 **METHOD AND SYSTEM FOR IDENTIFYING MANUFACTURING ANOMALIES**
2 **IN A MANUFACTURING SYSTEM**
3 **ABSTRACT OF THE INVENTION**

4 A method and system for identifying manufacturing anomalies in a manufacturing
5 system comprising a plurality of products which are manufactured with a plurality of
6 manufacturing parameters is disclosed. The system comprises a data mining program applied
7 to the data warehouse for analyzing the stored manufacturing parameters to define a normal
8 manufacturing parameter subset. The data mining program is further for detecting that at
9 least one of the plurality of manufacturing parameters is excluded from the normal subset.
10 The system further comprises a reporting means for reporting the at least one detected
11 manufacturing parameter. The data mining program may further detect that a plurality of the
12 manufacturing parameters are excluded from the first subset. The data mining program then
13 analyzes the detected plurality of manufacturing parameters to define a second normal subset
14 of the detected plurality of manufacturing parameters. The reporting means may then report
15 the second normal subset of manufacturing parameters.

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